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CURRICULUM VITAE

January, 1988

NAME: William Jacob George

CURRENT ADDRESS: Room 4724 Libby Hall
Department of Pharmacology
1430 Tulane Avenue
New Orleans, LA 70112

TELEPHONE NUMBER: (504) 588-5444

SEX: Male

DATE AND PLACE OF BIRTH:

MARITAL STATUS:

WIFE'S MAIDEN NAME:

CHILDREN'S NAMES:

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EDUCATION:

Moshannon Valley High School, Houtzdale, PA	1952-1956
Pennsylvania State University	
B.S. - Chemistry Major	1956-1960
University of Pittsburgh	
B.S. - Pharmacy Major	1961-1964
University of Michigan	
Ph.D. - Pharmacology Major	
Biochemistry Minor	1964-1968
University of Minnesota	
Postdoctoral Fellow	1968-1970

POSITIONS HELD:

Pharmacy Extern, McGee Hospital, Pittsburgh, Pennsylvania	1962-1964
Predoctoral Research Fellow, Department of Pharmacology University of Michigan	1964-1968
Postdoctoral Fellow, Department of Pharmacology, Univeristy of Minnesota	1968-1970
Assistant Professor, Department of Pharmacology, Tulane University	1970-1973
Associate Professor, Department of Pharmacology, Tulane University	1973-1978
Professor, Department of Pharmacology, Tulane University	1978-present
Director of Toxicology, Tulane University	1979-present
Adjunct Professor of Pathology	1983-present
Adjunct Professor of Environmental Health (School of Public Health & Tropical Medicine)	1984-present

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TEACHING EXPERIENCE:

Graduate Student Instructor, University of Michigan School of Medicine, School of Dentistry	1965-1968
University of Minnesota, School of Dentistry, School of Pharmacy	1968-1970
Tulane University, Medical Pharmacology, Undergraduate Pharmacology, Graduate School	1970-present.

HONORS AND AWARDS:

Pennsylvania Senatorial Scholarship	1956-1960
Carpaker Scholarship Award	1961-1964
Summa Cum Laude, University of Pittsburgh	1964
McKesson and Robbins Professional Service Award	1964
Lenn and Fink Gold Medal Award	1964
American Pharmaceutical Association Award	1964
A. R. Canter Award	1964
James H. Beal Memorial Scholarship	1964
Merck Faculty Development Award	1970
St. Louis Award	1980

PROFESSIONAL SOCIETIES:

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STATE, LOCAL AND NATIONAL COMMITTEES:

1975	International Advisory Committee for Research in Cyclic Nucleotides
1983	Committee on Convocations (ASPET)
1983	Society of Toxicology; Regional Councellor
1983	Environmental Institute for Hazardous Waste Management Studies
1984	Louisiana Board of Regents Liaison Committee
1985	Mayor's Committee on Hazardous Materials

UNIVERSITY COMMITTEES:

1975	Committee on Student Affairs
1976	Graduate Faculty, Tulane University
1976	Radioisotope Committee
1977	Tulane Budget Committee

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UNIVERSITY COMMITTEES (cont'd):

1978	Tulane Curriculum Committee
1978	Basic Science Rep. GME Advisory Council
1979	Committee on University Development
1980	Personnel and Honors Committee
1983	University Senator
1983	Committee on Research
1984-88	Pharmacy & Therapeutics Committee
1984	President's Advisory Committee
1985	Select Committee on University Athletics
1986	University Senate Committee on Athletics
1987	University Committee on Instrumentation

AREAS OF INTEREST:

Education - Undergraduate teaching and graduate training.

Research - Drug metabolism and intermediary metabolism
Erythropoiesis
Toxicology of commercial products
Cyclic nucleotides and cell proliferation
Analysis of drugs and other chemicals in biological tissues
Mechanisms of toxicology
Development of methods for analysis of alcohols, anti-depressants and anticonvulsants
Evaluation of industrial agents as carcinogens
Environmental toxicology
Adverse effect of cobalt on male reproduction
Hazardous waste management
Drug screening techinques and methodologies
Toxicity of Nitrogen dioxide

CURRENT RESEARCH PROJECTS:

1. Toxicology of drugs and pharmaceutical preparations
2. Studies on Toxicity of Nitrogen dioxide
3. Evaluation of relationships between ethanol, disulfiram and benzyl alcohol
4. Cyclic nucleotides and control of cell proliferation
5. Mechanism of toxicity of ethylene dichloride
6. Toxicity of cobalt on male reproduction
7. Diacylglycerols as regulators of cellular function
8. Organic solvents as carcinogens
9. Evaluation of the toxicity of Polychlorinated Biphenyls (PCBs)
10. An Update on Dioxin Toxicity
11. Development of Procedures used in Urine Drug Testing

RESEARCH AWARDS:

Various awards have been received from the National Institutes of Health, American Heart Association, private research foundations and the pharmaceutical industry.

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GRADUATE STUDENT COMMITTEES:

Major Advisor

George M. Rodgers, III, Ph.D. (1974) - Erythropoiesis and Cyclic Nucleotides
Daniel W. Briggs, Ph.D. (1974) - Metabolism of Erythropoietin
Ronald W. Susuttil, Ph.D. (1975) - Myocardial Anoxia and Cyclic Nucleotides
Robin E. Kreig, M.S. (1976) - Cyclic Nucleotides and Leydig Cell Tumors
LuAnn E. White, Ph.D. (1978) - Cyclic Nucleotides and Cellular Proliferation
*Daniel Halpren Ruder, Ph.D. (1978) - Mechanism of Luteinizing Hormone in Porcine Follicular Cells
Richard M. Graeff, Ph.D. (1980) - Protein Kinases in Myocardial Tissue
Richard J. Francowitch (1985) - Mechanism of Toxicity of Ethylene Dichloride
Steven M. Pincus, Ph.D. (1985) - Studies of Diacylglycerides and Phorbol Esters on Differentiation and Proliferation of Friend Erythroleukemic Cells
Nancy Pedigo (1986) - Evaluation of Toxicity of Cobalt on Reproduction in the Male
Sharon McCloskey (1986) - Toxicity of Benzyl Alcohol
Paul Siegel (1988) - Isocyanates and Pulmonary Toxicity

Other Graduate Student Dissertation or Thesis Committees

Dr. George has served on the dissertation or thesis committees of 28 other students (40 total) from the Departments of Biochemistry, Pharmacology, Chemistry, Anatomy and Environmental Health Sciences.

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BOOKS AND CHAPTERS (cont'd):

12. Halbren-Ruder, D. and George, W.: Luteinizing hormone induced changes in protein kinase profiles in the porcine follicular cell. Proceedings of the American Medical Student Research Forum, Galveston, Texas (1978).

13. George, W.J. and White, L.A.: Cyclic nucleotides in the regulation of cell proliferation. In: Cyclic Nucleotides and Therapeutic Perspectives, Vol. 1. Pergmon Press. Paris, France, pp. 97-108 (1979).

14. George, W.J., White, L.A. and Jeter, J.R.: Cyclic nucleotides and the control of erythroid cell proliferation. In: Nuclear-Cytoplasmic Interactions in the Cell Cycle. ed. by G.L. Whitson, Academic Press, pp. 293-308 (1980).

15. George, W.J. and Graeff, R.M. Cyclic nucleotides and cardiac function. In: Cardiac Pharmacology, Vol. 1. ed. by R.D. Wilkerson, Academic Press, pp. 75-93 (1981).

16. White, L., Fisher, J.W. and George, W.J.: Role of erythropoietin and cyclic nucleotides in erythroid cell proliferation in fetal liver. Exp. Hematol. 8:168-181 (1981).

17. George, W.J.: Drug testing proceedings of the Food Marketing Institute. 1:17-27 (1987).

PUBLICATIONS:

18. George, W.J. and Tephly, T.R.: Studies on the N- and O-dealkylation of morphine analogues. Mol. Pharmacol. 4:504-509 (1968).

19. George, W.J., Polson, J.B., O'Toole, A.G. and Goldberg, N.D.: Changes in rat heart cyclic 3',5'-guanosine monophosphate levels following drug induced alterations in myocardial contractility. Proc. Natl. Acad. Sci. 66:398-403 (1970).

20. Rodgers, G.M., George, W.J. and Fisher, J.W.: Increased kidney cyclic AMP levels and erythropoietin production following cobalt administration. Proc. Soc. Exp. Biol. Med. 140:977-981 (1972).

21. Paulo, L.G., Wilkerson, R.D., Roh, B.L., George, W.J. and Fisher, J.W.: Effects of PGE on erythropoietin production. Proc. Soc. Exp. Biol. Med. 142:771-775 (1973).

22. George, W.J., Wilkerson, R.D. and Kadowitz, P.J.: Influence of acetylcholine on contractile force and cyclic nucleotide levels in the isolated perfused rat heart. J. Pharmacol. Expt. Ther. 184:228-235 (1973).

23. George, W.J., Kadowitz, P.J. and Wilkerson, R.D.: Role of cyclic GMP as mediator of the negative inotropic effects of acetylcholine in the perfused rat heart. In: Recent Advances in Studies on Cardiac Structure and Metabolism, Vol. III. University Park Press, Baltimore, Maryland, pp. 331-343 (1973).

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PUBLICATIONS (cont'd):

24. Briggs, D.W., George, W.J. and Fisher, J.W.: Metabolism of erythropoietin by hepatic lysosomes. Proc. Soc. Exp. Biol. Med. 144:394-400 (1973).

25. Ignarro, L.J., Paddock, R.J. and George, W.J.: Hormonal control of neutrophil lysosomal enzyme release. Science 183:855-857 (1974).

26. Rodgers, G.M., Fisher, J.W. and George, W.J.: Activation of the renal erythropoietic factor by a cyclic AMP dependent protein kinase. Proc. Soc. Exp. Biol. Med. 145:1207-1211 (1974).

27. Ignarro, L.J. and George, W.J.: Hormonal control of lysosomal enzyme release from human neutrophils. J. Exp. Med. 139:1396-1414 (1974).

28. Susuttil, R.W., Paddock, R.J. and George, W.J.: Protective effect of glucagon on the isolated perfused rat heart following severe hypoxia. Proc. Soc. Exp. Biol. Med. 147:527-532 (1974).

29. Rodgers, G.M., Fisher, J.W. and George, W.J.: Lactate stimulation of renal cortical adenylate cyclase. J. Pharmacol. Exp. Ther. 190:543-550 (1974).

30. Briggs, D.W., Fisher, J.W. and George, W.J.: Hepatic clearance of intact and desialyated erythropoietin. Am. J. Physiol. 227:1385-1389 (1974).

31. Ignarro, L.J. and George, W.J.: Hormonal control of lysosomal enzyme release from human neutrophils. Proc. Natl. Acad. Sci. 71:2027-2031 (1974).

32. Rodgers, G.M., Fisher, J.W. and George, W.J.: Elevation of renal cyclic GMP concentrations and plasma lysosomal enzymes following cobalt treatment. Biochem. Biophys. Res. Commun. 59:979-984 (1974).

33. Cohen, L.K., Smith, R.J. and George, W.J.: Metabolism of isoniazid in hypersensitive patients. Arch. Dermatol. 109:377-381 (1974).

34. Greenberg, S., George, W.J., Kadowitz, P.J. and Wilson, W.R.: Androgen-induced enhancement of vascular reactivity. Can. J. Physiol. Pharmacol. 52:1422, 1974.

35. Ignarro, L.J. and George, W.J.: Mediation of immunologic discharge by lysosomal enzymes from human neutrophils by guanosine 3',5'-monophosphate. J. Exp. Med. 140:225-238 (1974).

36. Kadowitz, P.J., Hyman, A.L., Joiner, P.D. and George, W.J.: Influence of prostaglandin E_1 and $E_{2\alpha}$ on pulmonary vascular resistance of isolated lobar vessels and cyclic nucleotide content. J. Pharmacol. Exp. Ther. 192: 677-687 (1975).

37. Rodgers, G.M., Fisher, J.W. and George, W.J.: The role of renal adenosine 3',5'-monophosphate in the control of erythropoietin production. Am. J. Med. 58:31-38 (1975).

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PUBLICATIONS (cont'd):

38. Rodgers, G.M., Fisher, J.W. and George, W.J.: Renal cortical cyclic AMP and erythropoietin production in the rat. Am. J. Physiol. 229:1387-1392 (1975).

39. Busuttil, R.W., George, W.J. and Hewitt, R.L.: Protective effect of methylprednisolone on the heart during ischemic cardiac arrest. J. Thorac. Cardiovasc. Surg. 70:955-965 (1975).

40. Rodgers, G.M., Fisher, J.W. and George, W.J.: Renal cyclic GMP and cholinergic mechanisms in erythropoietin production. Life Sci. 17:1807-1814 (1975).

41. Busuttil, R.W., Paddock, R.J., Fisher, J.W. and George, W.J.: Changes in cyclic nucleotide levels and contractile force in the isolated hypoxic rat heart during perfusion with glucagon. Circ. Res. 38:162 (1976).

42. George, W.J., White, L., Pazddock, R.J., Ignarro, L.J. and Kadowitz, P.J.: Oppositional effects of acetylcholine and isoproterenol on isometric tension and cyclic nucleotide concentrations in rabbit atria. J. Cyclic Nucleotide Res. 1:339-349 (1976).

43. Rodgers, G.M., Fisher, J.W. and George, W.J.: Elevated cyclic GMP concentrations in rabbit bone marrow culture and mouse spleen following erythropoietin stimulation. Biochem. Biophys. Res. Commun. 70:287 (1976).

44. Fink, G.C., Busuttil, R.W., Rodgers, G.M. and George, W.J.: Effects of vagal stimulation on cyclic nucleotide levels and rate of contraction in rabbit atria. Proc. Soc. Exp. Biol. Med. 153:78-82 (1976).

45. Wilkerson, R.D., Paddock, R.J. and George, W.J.: Effects of derivatives of cyclic AMP and cyclic GMP on contractile force in cat papillary muscle. Eur. J. Pharmacol. 36:247-251 (1976).

46. Busuttil, R.W. and George, W.J.: Protective action of methylprednisolone on the isolated perfused rat heart following severe hypoxia. Proc. Soc. Biol. Med. 157:578-581 (1978).

47. Busuttil, R.W. and George, W.J.: Possible role of cyclic nucleotides on the protective effect of methylprednisolone on the hypoxic rat heart. J. Cyclic Nucleotide Res. 3:510-522 (1978).

48. Fisher, J.W., Gross, D.M., Foley, J.E., Nelson, P.K., Rodgers, G.M., George, W.J. and Jubiz, W.: A concept for the control of kidney production of erythropoietin involving prostaglandins and cyclic nucleotides. Contr. Nephrol. 13:37-59 (1978).

49. Walpren-Ruder, D., Jungman, R. and George, W.J.: Mechanism of luteinizing hormone induced changes in protein kinase profiles. J. Endocrinol. 84:49-63 (1980).

50. White, L.A. and George, W.J.: Cyclic nucleotide modulation in fetal liver erythroid cells. Proc. Soc. Exp. Biol. Med. 166:186-193 (1981).

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PUBLICATIONS (cont'd):

51. Gershanik, J., Boecler, B., Ensley, H., McCloskey, S. and George, W.: The gasping syndrome and benzyl alcohol poisoning. N. Engl. J. Med. 307:1384-1388 (1982).

52. Katsuoka, Y., Beckman, B., George, W.J. and Fisher, J.W.: Extraction of erythropoietin from kidneys of rats treated with cobalt and hypoxia. Am. J. Physiol. 244:F129-F133 (1983).

53. Gershanik, J., Boecler, B., Ensley, H., McCloskey, S. and George, W.J.: Gasping syndrome and benzyl alcohol poisoning. Intelligence Reports in Obstetrics and Gynecology 1(4):10-11 (1983).

54. Rege, A.B., Lertora, J.J.L. and George, W.J.: A rapid gas liquid chromatographic assay for plasma valproic acid. J. Chromatog. 309:2397-2402 (1984).

55. Woo, F.L., Johnson, A.P., Caldwell, D.R., Lertora, J.J.L. and George, W.J.: Piperacillin distribution in tears and aqueous humor. Am. J. Ophthalmol. 98:17-20 (1984).

56. Rincus, S.M., Beckman, B.S. and George, W.J.: Inhibition of Dimethylsulfoxide induced differentiation in friend erythroleukemic cells by diacylglycerols and phospholipase C. Biochem. Biophys. Res. Commun. 125:491-499 (1984).

57. Woo, F.L., Johnson, A.P., Insler, M., George, W.J. and LaCorte, W.: Distribution of aminoglycoside antibiotics in tears and aqueous humor. Arch. Ophthalmol. 103:216-219 (1985).

58. Francovitch, R.J. and George, W.J. A dual function exposure system for acute exposure of mice to chemical vapors. J. Am. Coll. Toxicol. 4:63-69 (1985).

59. George, W.J., Martin, L.A. and White, L.A.: Toxicology of organic solvents. In: Monogram on Organic Solvents. ed. by P.E. LaMoreaux and R.J. Wells. Alabama Press Vol. 1, No. 1, 1-79 (1985).

60. Francovitch, R.J., Schor, N., Lertora, J.J.L. and George, W.J.: Effects of SKF 525-A and phenobarbital on ethylene dichloride toxicity. J. Am. Coll. Toxicol. 5:117-126 (1986).

61. McCloskey, S.E., Lertora, J.J.L., White, L.A. and George, W.J.: Evaluation of the mechanism of benzyl alcohol toxicity. J. Pharmaceut. Sciences 75:702-705 (1986).

62. George, C.J., Bennett, G., Simoneaux, D., and George, W.J.: Toxicology of polychlorinated biphenyls. In: Monogram on Hazardous Waste Products. Ed. P.E. LaMoreaux and R.J. Wells, Alabama Press 17:1-48 (1987).

63. Insler, M., Helm, C.R. and George, W.J.: Topical vs systemic gentamicin penetration into the human cornea and aqueous humor. Archives of Ophthalmology 105:922-924 (1987).

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PUBLICATIONS (cont'd):

64. Rege, A.B., Weiner, J.S., Boineau, F.G. and W.J. George: Measurement of cyclosporine in whole blood of renal transplant patients. J. Chromatography (submitted for publication) (1988).

65. Pedigo, N.G., George, W.J. and Anderson, M.L.: Effect of acute and chronic exposure to cobalt on the male reproductive system in mice. Journal of Reproductive Toxicology (submitted for publication) (1988).

66. George, C.J., Bennett, G.F., Simoneaux, D. and George, W.J.: Toxicity of Polychlorinated Biphenyls. J. Hazardous Chemicals (in press) (1988).

67. Siegel, P.D. and George, W.J.: Murine pulmonary biochemical response to acute and subacute exposure to nitrogen dioxide. Archives of Environ. Health (submitted for publication) (1988).

68. George, W.J. and Agrawal, K.C.: The zero threshold concept and carcinogenesis. Comments on Toxicology (in review) (1987).

69. George, W.J., Agrawal, K.C., and Silver, C.: Fallacy of the zero threshold concept in carcinogenesis. Proceedings of the Environmental Institute for Hazardous Waste Management (in review) (1988).

70. Pincus, S.M., George, W.J., Beckman, B.S. and Jeter, J.R.: Effect of 12-O-tetradecanyol-phorbol-13 acetate on protein phosphorylation in Friend erythroleukemic cells. Cancer Res. (submitted for publication) (1988).

71. George, William J., Schulte, Charles E., Simoneaux, D.E., and McCloskey, Sharon E.: Laboratory aspects of drug testing in athletics. Journal of American College Health (submitted for publication) (1988).

72. Rege, A.B., Wang, T., Lertora, J.L.L. and George, W.J.: A rapid simple HPLC-UV assay for flecainide. J. of Chromatography (submitted for publication) (1988).

73. Rege, A.B., Wang, T., Lertora, J.J.L. and George, W.J.: A rapid simple HPLC-UV assay for tocainide. J. of Chromatography (submitted for publication) (1988).

74. Wilson, J. Michael, George, Camille J., Bennett, Gary, Zimmerman, Rae and George, William: Monogram on Hazardous Waste Products. ed. P.E. LaMoreaux and R.J. Wells. Alabama Press (in preparation) (1988).

75. Rege, A.B., Krieger, S., Bliss, B. and George, W.J.: Simultaneous analysis of acetaminophen, salicylates, and theophylline by high pressure liquid chromatography. Clin. Chem. (in preparation) (1988).

76. Rege, A.B., Gallo, R. and George, W.J.: Studies on acetylation phenotypes using high pressure liquid chromatography. J. Pharmacol. Exp. Ther. (in preparation) (1988).

77. Rege, A.B., Cockerham, K. and George, W.J.: Measurement of vanillin and ethyl vanillin by high pressure liquid chromatography. J. Pharmacol. Sci. (in preparation) (1988).

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PUBLICATIONS (cont'd):

78. Ogden, N., Rege, A.B. and George, W.J.: Azlocillin levels in tears. (in preparation) (1988).

79. Rege, A.B., Wisdom, G., Giles, T. and George, W.J.: High performance liquid separation of enkephalins for measurement by radioimmunoassay. (in preparation) (1988).

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ABSTRACTS:

1. George, W.J. and Teehly, T.R.: Evidence for different mechanisms operative in the N' and O-dealkylation of morphine analogues by rat liver microsomes. The Pharmacologist 9:2 (1967).

2. George, W.J. Rodgers, G.M., Gibson, J.L. and Harbison, R.D.: Morphine and ethylmorphine metabolism in neonatal and adult rats. Fede. Proc. 39:2035 (1971).

3. Rodgers, G.M., George, W.J. and Fisher, J.W.: Cyclic nucleotides and erythropoiesis. The Pharmacologist 13:287 (1971).

4. Rodgers, G.M., George, W.J. and Fisher, J.W.: Cyclic AMP and the erythropoietic response to cobalt. Proc. Am. Soc. Hematol. 114 (1971).

5. Rodgers, G.M., George, W.J. and Fisher, J.W.: Kidney cyclic AMP levels in rats following erythropoietin stimulation. Fed. Proc. 31:1921 (1972).

6. George, W.J., Polson, J.B. and Kadowitz, P.J.: Influence of acetylcholine on contractility of the isolated perfused rat heart. Fifth Intl. Cong. Pharmacol. 5:80 (1972).

7. Briggs, D.W., George, W.J. and Fisher, J.W.: Erythropoietin inactivation by rat liver lysosomes. Fifth Intl. Cong. Pharmacol. 5:29 (1972).

8. George, W.J., Paddock, R.J. and Kadowitz, P.J.: Effects of prostaglandins on contractility of the isolated perfused rat heart. Fifth Intl. Cong. Pharmacol. 5:80 (1972).

9. Paulo, L.G., Wilkerson, R.D., George, W.J., Roh, B.L. and Fisher, J.W.: Effects of prostaglandin E_1 on erythropoietin. Fifth Intl. Cong. Pharmacol. 5:252 (1972).

10. Rodgers, G.M., George, W.J. and Fisher, J.W.: Renal cyclic adenosine 3',5'-monophosphate as a possible mediator of erythropoietin production. SAMA-UTM Research Forum, April (1972).

11. George, W.J., Kadowitz, P.J. and Wilkerson, R.D.: Role of cyclic GMP as a mediator of the negative inotropic effect of acetylcholine in the perfused rat heart. Proceedings of the International Study Group in Cardiac Metabolism, Winnipeg, Manitoba 5:59 (1972).

12. Kadowitz, P.J., George, W.J. and Hyman, A.L.: Effects of prostaglandins E_1 and F_2 on adrenergic responses in the pulmonary circulation. Proceedings of the International Conference on Prostaglandins, Vienna (Sept., 1972).

13. Hyman, A.L., George, W.J. and Kadowitz, P.J.: Spectrum of effects of prostaglandins E, A and F in the pulmonary circulation of the intact dog. Proceedings of the American Heart Association (November, 1972).

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ABSTRACTS (cont'd):

14. Hyman, A.L., Joiner, P.D., George, W.J. and Kadowitz, P.J.: Influence of prostaglandins E_1 and F_2 on vascular resistance, responses to norepinephrine and cyclic 3',5'-adenosine monophosphate levels in the pulmonary circulation. Proc. South. Soc. Clin. Invest. (January, 1973). Clin. Res. 21:81 (1973).

15. George, W.J., Paddock, R.J., White, L.A., Smith, R.J. and Wilkerson, R.D.: The relationship of cyclic nucleotides to contractile responses of isolated cat papillary muscles. Proc. South. Soc. Clin. Invest. Clin. Res. 21:99 (1973).

16. Rodgers, G.M., Fisher, J.W. and George, W.J.: Cobalt induced erythropoiesis associated with alterations in the synthesis and degradation of renal cyclic AMP. Proc. Am. Soc. Hematol., Hollywood, Florida, Dec., 1972. 15:105 (1972).

17. Wilkerson, R.D., Paddock, R.J. and George, W.J.: Interaction of cyclic GMP and cyclic AMP on contractile force in cat papillary muscles. Fed. Am. Soc. Exp. Biol. 32:712 (1973).

18. George, W.J. and White, L.A.: Effects of guanosine 3',5'-monophosphate and adenosine 3',5'-monophosphate on calcium accumulation in the rat cardiac microsomes. Fed. Am. Soc. Exp. Biol. 32:711 (1973).

19. Rodgers, G.M., Fisher, J.W. and George, W.J.: Renal cyclic AMP and erythropoietin production. Fed. Am. Soc. Exp. Biol. 32:802 (1973).

20. Noveck, R.J., George, W.J. and Fisher, J.W.: Increased levels of renal cyclic AMP and plasma erythropoietin levels in dogs following 5-hydroxytryptamine infusion. Fed. Am. Soc. Exp. Biol. 32:775 (1973).

21. Briggs, D.W., Fisher, J.W. and George, W.J.: Erythropoietin inactivation by hepatic subcellular fractions. Fed. Am. Soc. Exp. Biol. 32:716 (1973).

22. George, W.J., Paddock, R.J. and Ignarro, L.J.: Cyclic 3',5-adenosine monophosphate levels in human neutrophils during lysosomal enzyme release. The Pharmacologist 15:157 (1973).

23. White, L.E., Ignarro, L.J. and George, W.J.: Stimulation of rat guanyl cyclase by acetylcholine. The Pharmacologist 15:16 (1973).

24. Rodgers, G.M., Fisher, J.W. and George, W.J.: A cyclic AMP-dependent mechanism for hypoxia-induced erythropoietin production. Am. Soc. Hematol. 16:161 (1973).

25. George, W.J., Rodgers, G.M. and Fisher, J.W.: Renal adenylate cyclase: A possible regulatory site for erythropoietin production following cobalt treatment in hypoxic stimulation. Am. Soc. Nephrol. 6:42 (1973).

26. Rodgers, G.M., Fisher, J.W. and George, W.J.: Renal cortical cyclic AMP as a mediator of erythropoietin production. Clin. Res. 22:67 (1974).

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ABSTRACTS (cont'd):

27. Rodgers, G.M., Fisher, J.W. and George, W.J.: Activation of renal cortical adenylate cyclase (AC) by lactate as a mechanism in the renal production of erythropoietin. Fed. Proc. 33:355 (1974).

28. Hyman, A.L., George, W.J., Joiner, P.D. and Kadowitz, P.J.: Influence of acetylcholine on pulmonary resistance, isolated lobar vessels and cyclic nucleotide levels. Circulation 48:456 (1973).

29. Ignarro, L.J., White, L.E., Wilkerson, R.D. and George, W.J.: Cardiac guanyl cyclase stimulation by acetylcholine and calcium. Circulation 48: 12 (1973).

30. Ignarro, L.J. and George, W.J.: Hormonal control of lysosomal enzyme release for human neutrophils by autonomic neurohumors and cyclic nucleotides. Clin. Res. 22:58 (1974).

31. Paddock, R.J., Wilkerson, R.D., Ignarro, L.J. and George, W.J.: Effects of derivatives of cyclic GMP and cyclic AMP on contractile force of cat papillary muscle. Clin. Res. 22:56 (1974).

32. Briggs, D.W., Fisher, J.W. and George, W.J.: Effects of desialyation upon hepatic uptake of erythropoietin. Clin. Res. 22:65 (1974).

33. White, L.E., Ignarro, L.J. and George, W.J.: Kinetic effects of acetylcholine on cardiac guanyl cyclase. Clin. Res. 22:57 (1974).

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TECHNICAL REPORTS:

1. George, W.J., and White, L.E.: Metabolism of Methylcyclopentadienyl Manganese tricarbonyl by Hepatic Microsomes. Ethyl Corporation, May 21, 1979.

2. George, W.J.: Evaluation of Proposed Discharges of Aluminum into New Orleans Area Water Supplies with Respect to Potential Effects on Renal Dialysis Patients. December 12, 1986.

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SPECIAL EVENTS

1. Invited speaker on Cyclic Nucleotides and Erythropoietin, American Society of Hematology, Hollywood, Florida, December, 1972.

2. Invited speaker at Annual Meeting of International Study Group for Cardiac Metabolism, Winnipeg, Canada, June 29, 1972.

3. Invited to participate in the Gordon Research Conference on Cyclic AMP, June 11-15, 1973, Tilton, New Hampshire.

4. Invited speaker for the 2nd International Symposium on Cyclic Nucleotide Research, Vancouver, British Columbia, July 8, 1973.

5. Invited speaker Recent Advances in Studies on Cardiac Metabolism, Quebec, Canada, June 20, 1974.

6. Invited speaker International Symposium on Pathophysiology, Prague, Czechoslovakia, July, 1975.

7. Chairman of Sessions at Meetings of the American Society of Pharmacology, 1973,1974,1975,1976,1977,1978,1979.

8. Chairman, Symposium on Cyclic Nucleotides, American Society of Pharmacology, New Orleans, Louisiana, August, 1976.

9. Invited to participate in Gordon Research Conference on Cyclic Nucleotides 1974,1975,1976,1977,1978.

10. Chairman, International Symposium on Cyclic Nucleotides, New Orleans, Louisiana, 1977.

11. Chairman, International Conference on Cyclic Nucleotide and Therapeutic Applications, Paris, France, 1978.

12. Invited speaker Symposium on Erythropoietin, Knoxville, Tennessee, October 6-8, 1980.

13. Chairman of Session Meetings of the American Society for Pharmacology and Experimental Therapeutics, 1983.

14. Co-chairman of Regional Meeting of the Society of Toxicology, New Orleans, Louisiana, June, 1984.

15. Invited Participant "Drug Program in Athletics" Annual Conference of the American College Health Association, New Orleans, Louisiana, 1986.

16. Invited Panelist "Drug Testing in the Workplace, Tulane University, New Orleans, Louisiana, 1986.

17. Invited Lecturer Oklahoma-Arkansas Medical Technologists Association. Little Rock, Arkansas, 1987.

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SPECIAL EVENTS (cont'd):

18. Invited Panelist - Louisiana Engineering Society, "Pharmacology & Society", New Orleans, LA, January, 1987.

19. Invited Speaker - Annual Conference for Ford Marketing Institute, New Orleans, LA, March, 1987

20. Invited Speaker - Effects of Hazardous Toxic Waste Disposal on Communities. Las Vegas, Nevada, September, 1987.

21. Invited Speaker - American College of Epidemiology, September, 1987.

22. Invited Speaker - Annual meeting of the American Hydrology Association, Atlanta, Georgia, October, 1987.

23. Invited Speaker - Pediatric Toxicology and American Acadmey of Pediatrics, San Francisco, CA, November, 1987

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